

Amendments to the Specification:

Please amend the specification as follows:

On page 8, after line 9, please insert the following:

The chemiluminescent quantum yield enhancing material can be an onium polymer selected from the group consisting of poly(vinylbenzylammonium) salts, poly(vinylbenzylphosphonium) salts and poly(vinylbenzylsulfonium) salts. The chemiluminescent quantum yield enhancing material can also be an onium copolymer. The additive can be selected from the group consisting of BSA, cyclodextrins, negatively charged salts, alcohols, polyols, poly(2-ethyl-Z-oxazoline), zwitterionic surfactants, anionic surfactants, cationic surfactants, and neutral surfactants.

The chemiluminescent quantum yield enhancing material may also comprises one or more counterion moieties selected from the group consisting of halide, sulfate, alkylsulfonate, triflate, arylsulfonate, perchlorate, alkanoate, arylcarboxylate and combinations thereof.